

~ Amended

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Sarah Cottrell Propst
Cabinet Secretary

Todd E. Leahy, JD, PhD
Deputy Secretary

Adrienne Sandoval, Division Director
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operator Signature Date: 5/1/2019

Well information:

30-039-06476 JICARILLA 110 #012
SOUTHLAND ROYALTY COMPANY LLC

Application Type:

- P&A Drilling/Casing Change Location Change
- Recomplete/DHC (For hydraulic fracturing operations review EPA Underground injection control Guidance #84; Submit Gas Capture Plan form prior to spudding or initiating recompletion operations)
- Other:

Conditions of Approval:

- Notify NMOCD 24hrs prior to beginning operations.
- Extend plug #1 to 3090'-2510' BLM Ojo Alamo pick @ 2588'
- Adjust plug #2 to 1218'-1350' to cover the Nacimiento top. BLM Nacimiento pick @ 1268'. OCD Nacimiento pick @ 1300'.


NMOCD Approved by Signature

8/6/19
Date

6

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. JIC110
2. Name of Operator SOUTHLAND ROYALTY COMPANY Contact: ERIC KITTINGER E-Mail: ekittinger@mspartners.com		6. If Indian, Allottee or Tribe Name JICARILLA APACHE
3a. Address 400 W 7TH STREET FORT WORTH, TX 76102	3b. Phone No. (include area code) Ph: 817.334.8302	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 17 T26N R5W NESW 1650FSL 1650FWL 36.484263 N Lat, 107.386149 W Lon		8. Well Name and No. JICARILLA 110 12
		9. API Well No. 30-039-06476-00-S1
		10. Field and Pool or Exploratory Area SOUTH BLANCO
		11. County or Parish, State RIO ARRIBA COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-5 testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and it is determined that the site is ready for final inspection.

SRC requests approval to plug and abandon the Jicarilla 110 #12. Attached are the Proposed Procedure, WBDs, Proposed Reclamation Plan, and Noxious Weed Form.

Approved with COA for CBL and plugs to be adjusted based on results

NMOCD

JUL 10 2019

DISTRICT III

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #463673 verified by the BLM Well Information System
For SOUTHLAND ROYALTY COMPANY, sent to the Rio Puerco
Committed to AFMSS for processing by ALBERTA WETHINGTON on 05/03/2019 (19AMW0012SE)

Name (Printed Typed)	CONNIE BLAYLOCK	Title	REGULATORY ANALYST
Signature	(Electronic Submission)	Date	05/01/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By	JOE KILLINS	Title	PETROLEUM ENGINEER	Date	06/27/2019
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.			Office Rio Puerco		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

** BLM REVISED **

NMOCD A

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: Jicarilla 110 12 API: 30-039-06476

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
3. CBL required after setting CIBP from 3090' to surface to confirm TOC. Submit electronic copy of the log for verification to the following addresses: jkillina@blm.gov and Brandon.Powell@state.nm.us . Based on CBL results inside/outside plugs and volumes will be adjusted accordingly. Please review the General Requirements document to ensure volumes meet required excess inside and outside casing.
4. BLM picks formation tops as indicated in the table below for use in determining TOC for all plugs.

	<u>Top</u>
Nacimiento	1268
Ojo Alamo	2588
Kirtland	2754
Fruitland	2865
Pictured Cliffs	3174
Lewis Shale	3282
Chacra	4084

P&A PLANNED PROCEDURE

Jicarilla 110 #12

1. MIRU.
2. Run a casing scraper to 3,110'
3. Set CIBP @ 3,090'
4. Spot 60 sx Class B Cement on top of plug. (est'd TOC @ 2,600). WOC. Tag TOC.
5. Spot balanced cement plug from 1,250' – 1,350' with 12 sx Class B cement. WOC. Tag TOC.
6. Perforate 3 holes @ 155'.
7. Pump 53 sx Class B Cement to fill annulus up through bradenhead and production casing string to surface. If unable to circulate, top off as needed.
8. Cut off wellhead below surface casing flange. Install P&A marker.



Southland Royalty Company

Jicarilla 110 #12 Rio Arriba County, NM

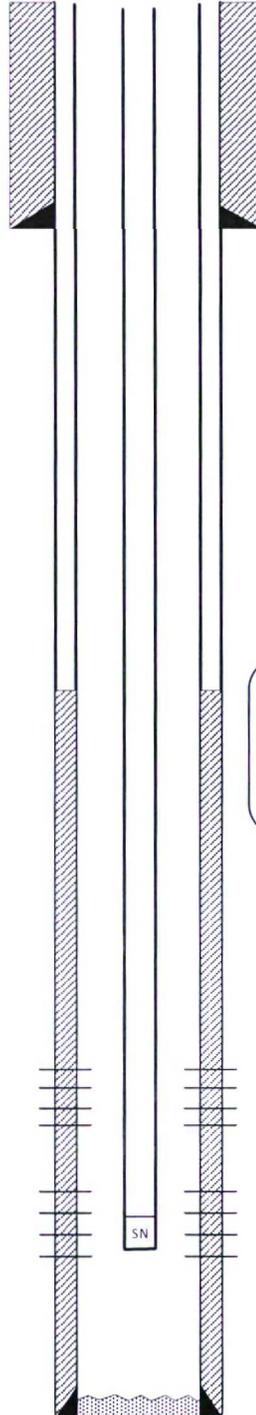
TD - 3,261'; PBTD - 3,225'

10.5" hole to 103' KB.
Surface Csg: 5 jts 8 5/8" 24# J-55
Setting Depth: 103'

Cement
70 Sx
Circulated to surface

7.25" hole to 3,261'
Production Csg: 97 jts 5.5", 15.5# J-55
Setting Depth: 3,260'
100sx cement
TOC Unknown

CURRENT



Prepared by: SThompson
Date: 01/09/2018

KB = 6,674'
GL = 6,665'
API# 30-039-06476

Spud Date: 10/29/1957
Date Completed: 12/24/1957

Ojo Alamo: 2,561'
Kirtland: 2,719'
Fruitland: 2,890'
Pictured Cliffs: 3,152'
Lewis: 3,235'

Prod Tbg 12/09/1957:
1 1/4" EUE Tbg, 2.4#
101 jts 3164'
EOT = 3172'
PBTD: 6,429'

12/08/1957
3139'-3173' & 3190'-3208'
4 spf
Sandfracured with 24,600 gal
water & 30,000# sand. Flushed
with 3,400 gal water
Dropped 100 rubber balls during
treatment

PBTD: 3,225'



Southland Royalty Company

PROPOSED P&A

Jicarilla 110 #12 Rio Arriba County, NM

TD – 3,261'; PBTD – 3,225'

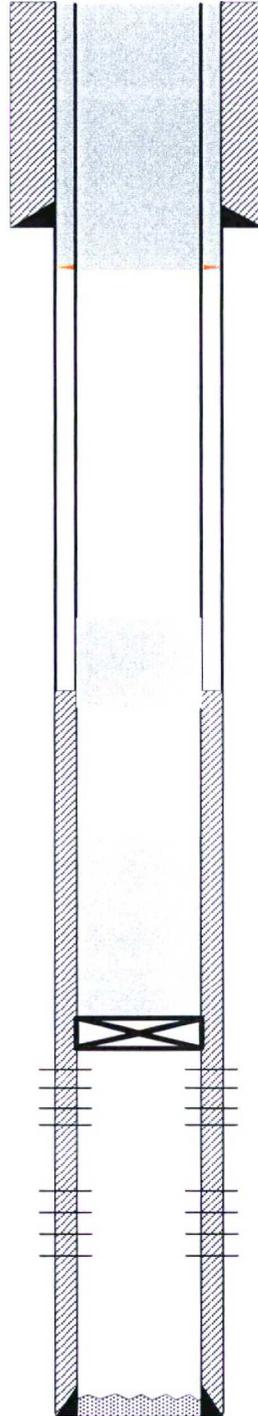
10.5" hole to 103' KB.
Surface Csg: 5 jts 8 5/8" 24# J-55
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Cement
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7.25" hole to 3,261'
Production Csg: 97 jts 5.5", 15.5# J-55
Setting Depth: 3,260'
100sx cement
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treatment

KB = 6,674'
GL = 6,665'
API# 30-039-06476
Spud Date: 10/29/1957
Date Completed: 12/24/1957



PBTD: 3,225'

PLUG 3:
Perf 3 holes @ 155'
33 sx cement in casing annulus & 20 sx
cement inside 5.5" casing. Bring all
cement to surface.

PLUG 2:
Balanced Cement Plug from
1,250' – 1,350' w/ 12 sx cmt.

PLUG 1:
Set CIBP @ 3,090'
Top w/ 60 sx Cmt.
TOC @ 2,600'